

IGARSS '95

Preferred Topic Area: Education

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THE SECOND SIR-C EDUCATION CD-ROM

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The first educational CD-ROM generated by the Jet Propulsion Laboratory for the SIR-C project, was a great success, with over 5000 copies distributed to educators across the United States. **SIRCED01** was a **pre-launch** look at the sites to be covered by the SIR-C mission from several different perspectives, using radar images, shuttle hand-held photographs taken by the astronauts, digitized location and topographic maps and ground photos,

The second **SIR-CED** CD-ROM contains radar images, hand-held photographs and scientific results from the actual SIR-C missions. SIR-C flew on the Space Shuttle **Endeavour** in April and October of 1994. Also included are short, digitized movies describing the missions, the science involved and highlights from the two missions. The CD-ROM includes an updated Teacher's Guide and presentation materials to be used in the classroom. Students can learn about imaging radar and observing the Earth's environment using this package, then go on to complete a project of their own, involving constructing a scientific hypothesis, data analysis and reporting of results. Incorporated into the CD-ROM is a 'road map', which uses the NCSA Mosaic browse program to give an introduction to the CD and shows the user where to find materials on it,

The **SIR-CED** materials are distributed by the EROS Data Center and through NASA CORE,

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